Suzhou Talent Microwave,Inc
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Straight Waveguide

WR-5.1/140-220GHz

Model: TL-5.1SWG-1inch

TL-5.1SWG-1inch is a 1” long, G-band straight waveguide section with a WR-5.1 waveguide and UG-387/U anti-cocking flanges. The waveguide is offered to cover the frequency range of 140 to 220 GHz.

Features:

- Operating Frequency 140 to 220 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

Applications:

- Test Instrumentation
- Instrumentations
- Lab Use

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	140		220	GHz
Insertion Loss		1.3		dB
Return Loss		-20		dB

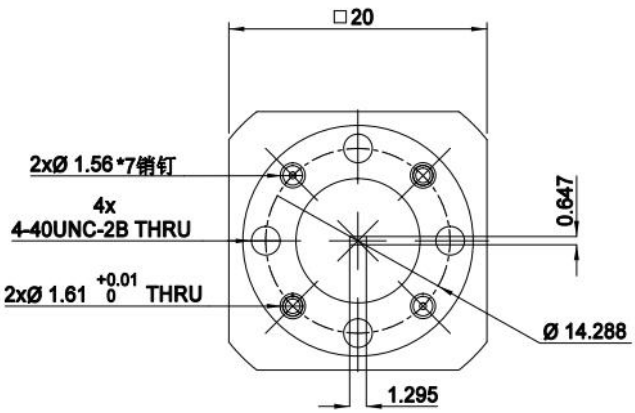
Envrionmental And Physical Characteristics:

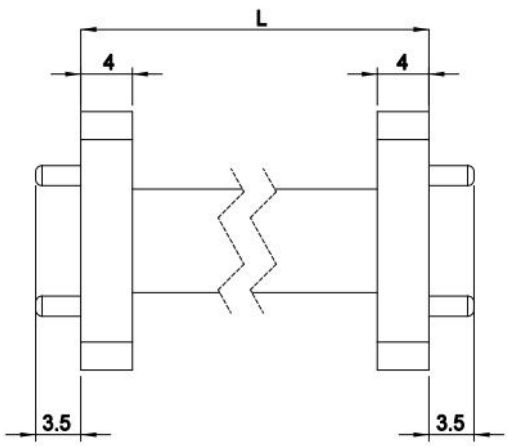
Parameter	Value	Units
Material	Brass	
Finish	Gold plated	
Connectors	WR-5.1/UG-387/U	
Length	1	Inch

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm







ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description
TL-5.1SWG-1inch	140-220GHz, Straight Waveguide, Insertion Loss: 1.3dB Typ; WR-5.1